

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L1    | 53    | (defect\$3 with (map or remap or (re adj map))) same (optical near2 (disk or disc))                        | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L2    | 4495  | (distribute or redistribute or (re adj distribute) or locate or (re adj locate)) with (defect\$3 or spare) | US-PGPUB; USPAT; USOOR                    | OR               | ON      | 2008/09/25 09:18 |
| L3    | 37    | L2 same (data near4 type)  | US-PGPUB; USPAT; USOOR                    | OR               | ON      | 2008/09/25 09:18 |
| L4    | 18901 | (detect or determine) with (data near4 type)   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L5    | 148   | L4 same defect   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L6    | 15059 | (detect or determine or identify) with (data near4 (streaming or video))                                   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L7    | 4     | L6 same (reconfigure or remap)   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L8    | 2     | (reconfigure or remap or "re-map") with (manage or management) with (data near4 (streaming or video))      | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L9    | 96    | (spare near4 (sector or area)) with (data near4 type)  | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L10   | 308   | defect with ((multiple or plurality or many) near3 spare)  | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L11   | 126   | mirror with (defect\$3 near5 (area or sector))   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |
| L12   | 1     | ((remap or reassign) near4 sector) with (multiple near5 (area or sector))                                  | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR               | ON      | 2008/09/25 09:18 |

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L13 | 62    | (L1 L3 L5 L7 L8 L9 L10 L11 L12) and @pd>= "20080207"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:18 |
| L14 | 21    | L13 and @pd> "20080717"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:18 |
| L15 | 574   | (714/8).CCLS.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/09/25 09:19 |
| L16 | 3400  | (711/154).CCLS.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/09/25 09:19 |
| L17 | 410   | (L15 L16) and @pd>= "20080207"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:19 |
| L18 | 110   | L17 and @pd> "20080717"  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:19 |
| L19 | 993   | (defect with management).clm.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:53 |
| L20 | 0     | (defect with management with (remap or reassign)).clm.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:53 |
| L21 | 19    | (defect with (remap or reassign)).clm.   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:53 |
| L22 | 0     | (double with (assign or reassign or map or remap) with (defect or defective or bad)).clm.                                      | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:55 |
| L23 | 180   | ((double or multiple or plural or plurality) with (assign or reassign or map or remap) with (defect or defective or bad)).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 09:56 |
| L24 | 12126 | (Koninklijke adj Philips adj Electronics).as.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 10:18 |
| L25 | 63    | 24 and (defect near4 manage\$4)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/09/25 10:19 |
| S1  | 1     | ("20010002488").PN.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/02/01 09:32 |

|    |      |  |   |    |    |                  |
|----|------|--|---|----|----|------------------|
| S2 | 51   | (defect\$3 with (map or remap or (re adj map))) same (optical near2 (disk or disc))  | US-PGPUB; USPAT; USOOR: EPO; JPO; DERVENT | OR | ON | 2008/02/01 12:01 |
| S3 | 8    | (*4774700"   "4984230"   "5132956"   "5271018"   "5319627"   "5715221"   "6408408"   "6453384").PN. OR ("7020056").URPN.   | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/02/01 12:05 |
| S4 | 10   | ("5111444"   "5548572"   "5715221"   "6160778"   "6212647"   "6453384"   "6578163"   "6581167").PN. OR ("6782487").URPN.   | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/02/01 12:07 |
| S5 | 4247 | (distribute or redistribute or (re adj distribute) or locate or (re adj locate)) with (defect\$3 or spare)   | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/02/01 12:21 |
| S6 | 36   | S5 same (data near4 type)  | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/02/01 12:21 |
| S7 | 96   | (*6212647" "6212647" "20010002488" "20060181992" "7027241" "20050078395" "5367652" "5455834" "5812755" "6182240" "6249884" "4811124" "4910724" "5200959" "5241531" "5271018" "5418852" "5526335" "5568650" "5613107" "5623470" "5659540" "5739519" "5761169" "5802584" "5835930" "5848438" "5850566" "5982886" "5983309" "6025966" "6136618" "6160778" "6189118" "6223247" "6223310" "6223247" "6223310" "6233699" "6246537" "6249888" "6279118" "6292445" "6295257" "6304534" "6324660" "6336196" "6336197" "6338153" "6341109" "6385148" "6414923" "6442715" "6463021" "6483790" "6493303" "6496460" "6510114" "6522609" "6526476" "6549459" "6560055" "6564338" "6564345" "6581167" "6621782" "6625061" "6654330" "6690634" | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/02/01 12:24 |

|     |       |  |  |    |                            |  |
|-----|-------|--|--|----|----------------------------|--|
|     |       | "6691265" "6714497"<br>"6732303" "6742147"<br>"6754860" "6779137"<br>"6782487" "6782494"<br>"6785839" "6788642"<br>"6804797" "6892327"<br>"6912672" "6922802"<br>"6954876" "6957360"<br>"6978404" "7016276"<br>"7046574" "7055017"<br>"7058852" "7102987"<br>"7102988" "7107278"<br>"7206268" "7219277"<br>"7251760" "7272086"<br>"20010033536"<br>"20010033539" ).pn. |  |    |                            |  |
| S8  | 4     | (("20010002488") or<br>("20020159382") or<br>("20020097666") or<br>("20020184440")).PN.  | US-PGPUB;<br>USPAT; USOOR                          | OR | OFF<br>2008/02/01<br>13:07 |  |
| S9  | 17181 | (detect or determine) with<br>(data near4 type)  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:03  |  |
| S10 | 133   | S9 same defect   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:04  |  |
| S11 | 14041 | (detect or determine or<br>identify) with (data near4<br>(streaming or video))   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:12  |  |
| S12 | 4     | S11 same (reconfigure or<br>remap)   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:12  |  |
| S13 | 0     | (reconfigure or remap) with<br>(defect) with (data near4<br>(streaming or video))  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:13  |  |
| S14 | 0     | (reconfigure or remap or "re-<br>map") with (defect) with<br>(data near4 (streaming or<br>video))  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:13  |  |
| S15 | 2     | (reconfigure or remap or "re-<br>map") with (manage or<br>management) with (data<br>near4 (streaming or video))  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:14  |  |
| S16 | 92    | (spare near4 (sector or<br>area)) with (data near4<br>type)  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO; DERWENT | OR | ON<br>2008/02/07<br>09:15  |  |

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S17 | 0    | (reconfigure or remap or "re-map" or move or allocate or reallocate or "re-allocate") with (spare near4 (sector or area)) same (data near4 type)                         | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/02/07 09:18 |
| S18 | 1    | ("6771575").PN.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/02/07 09:20 |
| S19 | 10   | ("5212676"   "5237553"   "5590349"   "5721726"   "5914928"   "5966358"   "5999505"   "6272085"   "6480446").PN. OR ("6771575").URPN.                                     | US-PGPUB; USPAT; USOCR                    | OR | ON  | 2008/02/07 09:21 |
| S20 | 1    | ("6480446").PN.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/02/07 09:39 |
| S21 | 16   | ("5130969"   "5528571"   "5574708"   "5715221"   "5805547"   "5914928"   "6031804"   "6049515"   "6314235"   "6377524"   "6414923").PN. OR ("6480446").URPN.             | US-PGPUB; USPAT; USOCR                    | OR | ON  | 2008/02/07 09:44 |
| S22 | 1    | ("6564345").PN.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/02/07 10:01 |
| S23 | 24   | ("4774700"   "4949326"   "5111444"   "5237553"   "5623470"   "5715221"   "5841748"   "5883867"   "5966358"   "6049515"   "6160778"   "6292625").PN. OR ("6564345").URPN. | US-PGPUB; USPAT; USOCR                    | OR | ON  | 2008/02/07 10:01 |
| S24 | 531  | (714/8).OCLS.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/02/07 10:39 |
| S25 | 3036 | (711/154).OCLS.  | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/02/07 10:42 |
| S26 | 273  | defect with ((multiple or plurality or many) near3 spare)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/02/07 15:38 |
| S27 | 0    | (reconfigure or remap or "re-map") with (single) with ((multiple or many or plurality) near4 (spare))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/02/07 15:44 |
| S28 | 122  | mirror with (defect\$3 near5 (area or sector))   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/02/07 16:12 |
| S29 | 1    | ((remap or reassign) near4 sector) with (multiple near5 (area or sector))  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/02/07 16:29 |

|     |       |  |  |    |    |                     |
|-----|-------|--|--|----|----|---------------------|
| S30 | 0     | ((remap or reassign)) with ("more than one" near5 area)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/07<br>16:31 |
| S31 | 0     | ((remap or reassign)) with ("more than one" near5 spare)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/07<br>16:31 |
| S32 | 0     | ((remap or reassign)) with ("more than one")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/07<br>16:31 |
| S33 | 0     | ((remap or reassign)) with ("more than")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/02/07<br>16:31 |
| S34 | 52    | (defect\$3 with (map or remap or (re adj map))) same (optical near2 (disk or disc))                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/17<br>13:06 |
| S35 | 4433  | (distribute or redistribute or (re adj distribute) or locate or (re adj locate)) with (defect\$3 or spare) | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/17<br>13:06 |
| S36 | 37    | S35 same (data near4 type)   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2008/07/17<br>13:06 |
| S37 | 18405 | (detect or determine) with (data near4 type)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/17<br>13:06 |
| S38 | 144   | S37 same defect  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/17<br>13:06 |
| S39 | 14684 | (detect or determine or identify) with (data near4 (streaming or video))                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/17<br>13:06 |
| S40 | 4     | S39 same (reconfigure or remap)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/17<br>13:06 |
| S41 | 2     | (reconfigure or remap or "re-map") with (manage or management) with (data near4 (streaming or video))      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/17<br>13:06 |
| S42 | 95    | (spare near4 (sector or area)) with (data near4 type)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR | ON | 2008/07/17<br>13:06 |

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S43 | 295  | defect with ((multiple or plurality or many) near3 spare)                 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/07/17 13:06 |
| S44 | 124  | mirror with (defect\$3 near5 (area or sector))                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/07/17 13:06 |
| S45 | 1    | ((remap or reassign) near4 sector) with (multiple near5 (area or sector)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/07/17 13:06 |
| S46 | 40   | (S34 S36 S38 S40 S41 S42 S43 S44 S45) and @pd> = "20080207"               | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/07/17 13:06 |
| S47 | 563  | (714/8).CCLS.   | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/07/17 13:07 |
| S48 | 3300 | (711/154).CCLS.   | US-PGPUB; USPAT; USOCR                    | OR | OFF | 2008/07/17 13:07 |
| S49 | 300  | (S47 S48) and @pd> = "20080207"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON  | 2008/07/17 13:07 |
| S50 | 4    | ("6469978"   "6922802"   "7257074"   "7260034").PN. OR ("7385890").URPN.  | US-PGPUB; USPAT; USOCR                    | OR | ON  | 2008/07/17 13:10 |

9/25/2008 10:53:51 AM

C:\Documents and Settings\edudek\My Documents\EAST\Workspaces\10561464.wsp